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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

# **REISSUE APPLICATION DECLARATION BY THE INVENTOR**

Docket Number (Optional)

2271/60895-RE

I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.

I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,445,669 granted SEPTEMBER 3, 2002 and for which a reissue patent is sought on the invention entitled INITIALIZATION OF PHASE-CHANGE OPTICAL

the specification of which

☐ is attached hereto.

☒ was filed on April 14, 2004 as reissue application number 10/825,441

and was amended on \_\_\_\_\_  
(if applicable)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☐ I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 366(b). Attached is form PTO/SB/028 (or equivalent) listing the foreign applications.

I verify believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

The patent claims (1-13) are too narrow, and are not directed to an apparatus such as recited in new claim 14 and/or to a medium such as recited in new claim 17 or new claim 19.

This collection of information is required by 37 CFR 1.176. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1460. DO NOT SEND FEE OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing the form, call 1-800-PTO-9799 and select option 2.

Docket Number (Optional)  
2271/60895-RE

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

Note: To appoint a power of attorney, use form PTO/559/81.

Correspondence Address: Direct all communications about the application to:

☒ Customer Number: 23432

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Ivan S. Kavrukov, Esq. Cooper & Dunham LLP			
Address	1185 Avenue of the Americas			
Address				
City	New York	State	New York	Zip 10036
Country	USA			
Telephone	212-278-0400	Fax	212-391-0525	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.				
Full name of sole or first inventor (given name, family name) Kyohji HATTORI				
Inventor's signature Kyohji Hattori		Date Oct. 24, 2005		
Residence Same as mailing address		Citizenship Japanese		
Mailing Address 162-601 Nakashinden, Ebina-shi, Kanagawa-ken, Japan				
Full name of second joint inventor (given name, family name) Fumiya OHMI				
Inventor's signature		Date		
Residence Same as mailing address		Citizenship Japanese		
Mailing Address 1-20-12-301 Minami Hashimoto, Sagami-hara-shi, Kanagawa-ken, Japan				
Full name of third joint inventor (given name, family name) Kenichi AIHARA				
Inventor's signature		Date		
Residence Same as mailing address		Citizenship Japanese		
Mailing Address 1704-1-202 Tsuruma, Machida-shi, Tokyo, Japan				
<input checked="" type="checkbox"/> Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/559/2A or 02A attached hereto.				

**(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)**

**Docket Number (Optional)**  
**2271/60895-BB**

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

Note: To appoint a power of attorney, use form PTO/BB/81.

Correspondence Address: Direct all communications about the application to:

☒ Customer Number: **23432**

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Ivan S. Kavrukov, Esq. Cooper & Dunham LLP				
Address	1185 Avenue of the Americas				
Address					
City	New York	State	New York	Zip	10036
Country	USA				
Telephone	212-278-0400	Fax	212-391-0525		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of sole or first inventor (given name, family name) <b>Kyobii HATTORI</b>					
Inventor's signature			Date		
Residence Same as mailing address			Citizenship Japanese		
Mailing Address 162-601 Nakashinden, Ebina-shi, Kanagawa-ken, Japan					
Full name of second joint inventor (given name, family name) <b>Fumiya OHMI</b>					
Inventor's signature <i>Fumiya Ohmi</i>			Date 24th October		
Residence Same as mailing address			Citizenship Japanese		
Mailing Address 1-20-12-301 Minami Hashimoto, Sagami-hara-shi, Kanagawa-ken, Japan					
Full name of third joint inventor (given name, family name) <b>Kenichi AIHARA</b>					
Inventor's signature			Date		
Residence Same as mailing address			Citizenship Japanese		
Mailing Address 1704-1-202 Tsuruma, Machida-shi, Tokyo, Japan					
<input checked="" type="checkbox"/> Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/BB/202A or 02LR attached hereto.					

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)  
 2271/60895-RE

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Note: To appoint a power of attorney, use form PTO/SB/81.

Correspondence Address: Direct all communications about the application to:

☐ Customer Number: 23432  
 OR

<input checked="" type="checkbox"/> Firm or Individual Name	Ivan S. Kavrukov, Esq. Coopar & Dunham LLP			
Address	1185 Avenue of the Americas			
Address				
City	New York	State	New York	Zip 10036
Country	USA			
Telephone	212-278-0400	Fax	212-391-0525	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Kyohji HATTORI

Inventor's signature

Date

Residence

Same as mailing address

Citizenship

Japanese

Mailing Address

162-601 Nakashinden, Ebina-shi, Kanagawa-ken, Japan

Full name of second joint inventor (given name, family name)

Fumiya OHMI

Inventor's signature

Date

Residence

Same as mailing address

Citizenship

Japanese

Mailing Address

1-20-12-301 Minami Hashimoto, Sagami-hara-shi, Kanagawa-ken, Japan

Full name of third joint inventor (given name, family name)

Kenichi AIHARA

Inventor's signature

Date

October 24, 2005

Residence

Same as mailing address

Citizenship

Japanese

Mailing Address

1704-1-202 Tsuruma, Machida-shi, Tokyo, Japan

☒ Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.

<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet
Page <u>3</u> of <u>4</u>	

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Katsuyuki		YAMADA	
Inventor's Signature <i>Katsuyuki Yamada</i>		Date <i>October 24, 2005</i>	
Same as mailing address		State	Country
Residence: City		Japanese Citizenship	
Mailing Address 104-2-202 Itchoda, Mishima-shi, Shizuoka-ken, Japan			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yuki		NAKAMURA	
Inventor's Signature <i>Yuki Nakamura</i>		Date <i>October 24, 2005</i> Y.N.	
Same as mailing address		State	Country
Residence: City		Japanese Citizenship	
Mailing Address 32-13-303 Kurosuda, Aoba-ku, Yokohama-shi, Kanagawa-ken, Japan			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Eiji		NODA	
Inventor's Signature <i>Eiji Noda</i>		Date <i>October 24, 2005</i>	
Same as mailing address		State	Country
Residence: City		Japanese Citizenship	
Mailing Address 7-1-23-303 Arima, Miyamae-ku, Kawasaki-shi, Kanagawa-ken, Japan			
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 118 and 37 CFR 1.43. The information is required to obtain or retain a benefit by the public which is no fee (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 182 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the burden of this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480.

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## DECLARATION

ADDITIONAL INVENTOR(S)

Supplemental Sheet

Page 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Michihisa		TAKAHASHI	
Inventor's Signature <i>M. Takahashi</i>		Date <i>24<sup>th</sup> Oct 2005</i>	
Same as mailing address		State	Country
Residence: City		Japanese Citizenship	
Mailing Address 1054-2 Shimo-Ogino, Atsugi-shi, Kanagawa-ken, Japan			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yujiro		KANeko	
Inventor's Signature		Date	
Same as mailing address		State	Country
Residence: City		Japanese Citizenship	
Mailing Address 1955-76 Naruse, Machida-shi, Tokyo, Japan			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yukio		IDE	
Inventor's Signature		Date	
Same as mailing address		State	Country
Residence: City		Japanese Citizenship	
Mailing Address 34-8 Fujimidai, Mishima-shi, Shizuoka-ken, Japan			
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO in process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480.

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet

Page 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Michihisa		TAKAHASHI	
Inventor's Signature		Date	
Same as mailing address		Japanese Citizenship	
Residence: City	State	Country	
Mailing Address 1054-2 Shimo-Ogino, Atsugi-shi, Kanagawa-ken, Japan			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yujiro		KANEKO	
Inventor's Signature <i>Yujiro Kaneko</i>		Date <i>October 24, 2005</i>	
Same as mailing address		Japanese Citizenship	
Residence: City	State	Country	
Mailing Address 1955-76 Naruse, Machida-shi, Tokyo, Japan			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yukio		IDE	
Inventor's Signature		Date	
Same as mailing address		Japanese Citizenship	
Residence: City	State	Country	
Mailing Address 34-8 Fujimida, Mishima-shi, Shizuoka-ken, Japan			
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.53. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet

Page 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Michihisa		TAKAHASHI	
Inventor's Signature		Date	
Same as mailing address		Japanese Citizenship	
Residence: City	State	Country	
Mailing Address 1054-2 Shimo-Ogino, Atsugi-shi, Kanagawa-ken, Japan			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yujiro		KANIKO	
Inventor's Signature		Date	
Same as mailing address		Japanese Citizenship	
Residence: City	State	Country	
Mailing Address 1955-76 Naruse, Machida-shi, Tokyo, Japan			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yukio		IDE	
Inventor's Signature <i>Yukio Ide</i>		Date <i>October 25, 2005</i>	
Same as mailing address		Japanese Citizenship	
Residence: City	State	Country	
Mailing Address 34-8 Fujimidai, Mishima-shi, Shizuoka-ken, Japan			
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480.

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